

## ABSTRACT

The present invention is directed to a method and pharmaceuticals for treating HIV and secondary infection. One aspect of this invention involves the use of one or more polypeptides with an amino acid sequence including KPV, MEHFRWG, HFRWGKPV, or

- 5   SYSMEHFRWGKPV for treatment of HIV. HIV is accompanied by infections, inflammation or both. In one preferred embodiment of the invention, the one or more polypeptides are used for treatment of HIV itself via medication taken orally or parentally. In another preferred embodiment of the invention, the treatment is for secondary infections arising from *Staphylococcus aureus* and *Candidia albicans* and can be taken either orally or parentally. In
- 10 another preferred embodiment of the invention, treatment is carried out by local application of the polypeptides through a carrier onto the site of *S. aureus* or *C. albicans* infection.